AMSAT News Service Weekly Bulletins
Issue: ANS-162
Date: 2006-06-11
Sources: amsat-ans-2006-ans-162-weekly.txt

AMSAT NEWS SERVICE
ANS-162

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:

ans-editor@amsat.org

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SB SAT @ AMSAT $ANS-162.01
Plan for AO-51 Kid's Day on June 17

AMSAT News Service Bulletin 162.01
 From AMSAT HQ SILVER SPRING, MD.
June 11, 2006
To All RADIO AMATEURS
BID: $ANS-162.01

Mike, KE4AZN, Amsat VP-Operations, and Echo Command Station says AMSAT-NA, the AO-51 Command Team, and the AO-51 Operations Team will sponsor Kid's Day on AO-51 on June 17, 2006.

The event is open to all kids, worldwide. We ask all amateur radio stations to give this short time window to promote satellite operations with kids, by actually showing a kid how to make contacts via AO-51, providing a station to contact, or stepping aside to allow others to make contacts with the kids.

During the event, please limit contacts to stations that are operating with kids at the microphone. This should allow the kids to have a nice QSO and pass some information. Kids can tell their name, age, who is helping them operate on AO-51, where they live, and other information about themselves.

AO-51 will be configured in the following mode during the event. Please note we will use the normal AO-51 uplink frequency for the event with the PL tone will be turned ON.

Uplink: 145.920 mhz FM voice 67 Hz PL Tone
Downlink: 435.300 mhz FM voice

The digital transponder on 435.150 will be turned off during the event.

See http://www.arrl.org/FandES/ead/kd-rules.html on the ARRL website for more Kids Day information.

[ANS thanks Mike, KE4AZN, Echo Command Station for the above information]

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SB SAT @ AMSAT $ANS-162.02
ARISS In Crossband Repeater Mode for Field Day

AMSAT News Service Bulletin 162.02
From AMSAT HQ SILVER SPRING, MD.
June 11, 2006
To All RADIO AMATEURS
BID: $ANS-162.02

The ARISS Phase 2 station will be configured in crossband repeater mode--437.800 MHz up/145.800 MHz down, but it's being requested that **ONLY** low-power (QRP) Earth stations access the system. The definition of a QRP station for this activation will be the same criteria that AMSAT is using for its QRP operations on ECHO (AO-51) for Field Day.

AO-51 ECHO/ISS LOW POWER STATION (QRP) REQUIREMENTS:
To attempt to keep this simple a low power station will be defined as a station which can deliver no more than 10 watts to a vertical or handheld antenna. Some examples of Low Power Stations:

1. Using an HT (barefoot, no amplifier) with 10 watts or less output into any type of vertical whip antenna (rubber duck, etc) or handheld beam antenna (arrow type).

2. Using a mobile station with 10 watts or less output into car mounted mobile whip antenna(s).

3. Using a base station at 10 watts output into a vertical Omni directional antenna on the side of the house.

Examples that are **NOT** Low Power Stations:
1. Any type of high gain beam antenna, KLM, M2, Cushcraft, etc.

2. Any station transmitting over 10 watts into any type of antenna.

The crossband repeater should be activated Thursday, June 22 (late in the crew day) so ground operators can have a chance to practice with their QRP setups and learn how best to deal with the Doppler on the uplink. It will be deactivated on Monday as required for the docking of the Progress cargo supply ship.

If Jeff Williams (KD5TVQ) and/or Pavel Vinogradov (RV3BS) do get a chance to talk on the radio, they will be using the crossband repeater mode and will be giving "NA1SS, 1 Alpha, ISS" or "RS0ISS, 1Alpha, ISS" respectively.

REMINDER - Contacts through the ISS crossband repeater count as a satellite contact for Field Day bonus points, but contacts with the crew do not count for Field Day satellite bonus points.

[ANS thanks Ken, N5VHO, for the above information]

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SB SAT @ AMSAT $ANS-162.03
21st Amsat-UK Colloquium-Second Call for Speakers

AMSAT News Service Bulletin 162.03
 From AMSAT HQ SILVER SPRING, MD.
June 11, 2006
To All RADIO AMATEURS
BID: $ANS-162.03

This is the second call for speakers for the 21st Amsat-UK Colloquium, which will be held at Surrey University, Guildford, Surrey, U.K., from Friday 28 July to Sunday 30 July 2006.

Amsat-UK invite speakers, about amateur radio space and associated activities, for this event.

Offers of talks should be submitted as soon as possible. Submissions should be sent *ONLY* to David Johnson, G4DPZ, via the following routes:

Internet e-mail: g4dpz@amsat.org
SnailMail: QTHR from http://www.qrz.com

AMSAT-UK also invite anyone with requests for Program Topics to submit them as soon as possible to G4DPZ. Likewise if anyone knows of a good speaker, please send contact and other information to G4DPZ.

Additionally, Amsat-UK will be running sessions specifically for Beginners to amateur satellite operating on the Friday; volunteers are wanted to speak at these sessions.

For details of the Colloquium, please visit:

http://www.uk.amsat.org/Colloquium

You can also book you place at the colloquium on the web site.

[ANS thanks Dave, G4DPZ, for the above information]

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SB SAT @ AMSAT $ANS-162.04
2006 ARRL/TAPR Digital Communications Conference-Call for Papers

AMSAT News Service Bulletin 162.04
 From AMSAT HQ SILVER SPRING, MD.
June 11, 2006
To All RADIO AMATEURS
BID: $ANS-162.04

Technical papers are solicited for presentation at the 25th Annual ARRL and TAPR Digital Communications Conference to be held September 15-17, 2006 in Tucson, Arizona. These papers will also be published in the Conference Proceedings (you do NOT need to attend the conference to have your paper included in the Proceedings). The submission deadline is July 31, 2006. Please send papers to:

Maty Weinberg
ARRL
225 Main St
Newington, CT 06111

or you can make your submission via e-mail to: maty@arrl.org

Papers will be published exactly as submitted and authors will retain all rights.

[ANS thanks Steve, WB8IMY, for the above information]

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SB SAT @ AMSAT $ANS-162.05
ARISS Status - 05 June 2006

AMSAT News Service Bulletin 162.05
From AMSAT HQ SILVER SPRING, MD.
June 11, 2006
To All RADIO AMATEURS
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1. Salt Brook Elementary School Contact - Rescheduled

Salt Brook Elementary School in New Providence, New Jersey was scheduled for an ARISS contact on Wednesday, May 31. The school experienced technical difficulties and the contact did not take place. The rescheduled contact for Monday, June 5 at 13:53 UTC was successful.

2. ARRL Article on Virgilio Contact

ARRL ran a web story about the Virgilio Primary School contact in Mestre, Italy.
To view "Italian Primary Schoolers Get Front Row Seat to Space," go to:
http://www.arrl.org/news/stories/2006/05/31/100/?nc=1

3. ARRL Covers Award Ceremony

ARRL ran an article covering the award ceremony held at Space Center Houston where Bill McArthur, KC5ACR, received his Worked All States award. "ISS Astronaut Honored for Working all States, Inspiring Others from Space" may be found at:
http://www.arrl.org/news/stories/2006/06/01/103/?nc=1

4. ARISS Receives Group Achievement Award

In a ceremony held at Johnson Space Center, the Amateur Radio on the International Space Station team was presented with a JSC Group Achievement Award for the support provided during the Expedition 12 mission, which resulted in a record number of ARISS contacts performed. ISS Ham Payload Integration Manager, Kenneth Ransom, N5VHO, accepted the award on behalf of the team.

5. Expedition 13 Invited to Participate in Field Day 2006

Expedition 13 crew members have been invited to participate in ARRL's Field Day 2006 to be held over the June 24-25 weekend. Passes over the U.S. may not be ideal for contacting the ISS, but it has been suggested to place the radio in crossband repeat mode and make it available for the QRP (low-power operating) community as defined by AMSAT guidelines.

6. NASA Features ARISS Contacts

NASA ran a story covering Bill McArthur's numerous ARISS contacts during Expedition 12, the support he received from the ARISS team and especially from ISS Ham Project Engineer Kenneth Ransom, N5VHO. The

article, entitled, "Hamming It Up: Space to Kids Radio," may be found at:
http://www.nasa.gov/mission_pages/station/expeditions/expedition12/exp12_ham_radio.html

[ANS thanks Carol, KB3LKI for the above information]

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. Application forms are available from the AMSAT Office.

73, This week's ANS Editor,
Lee McLamb, KU4OS